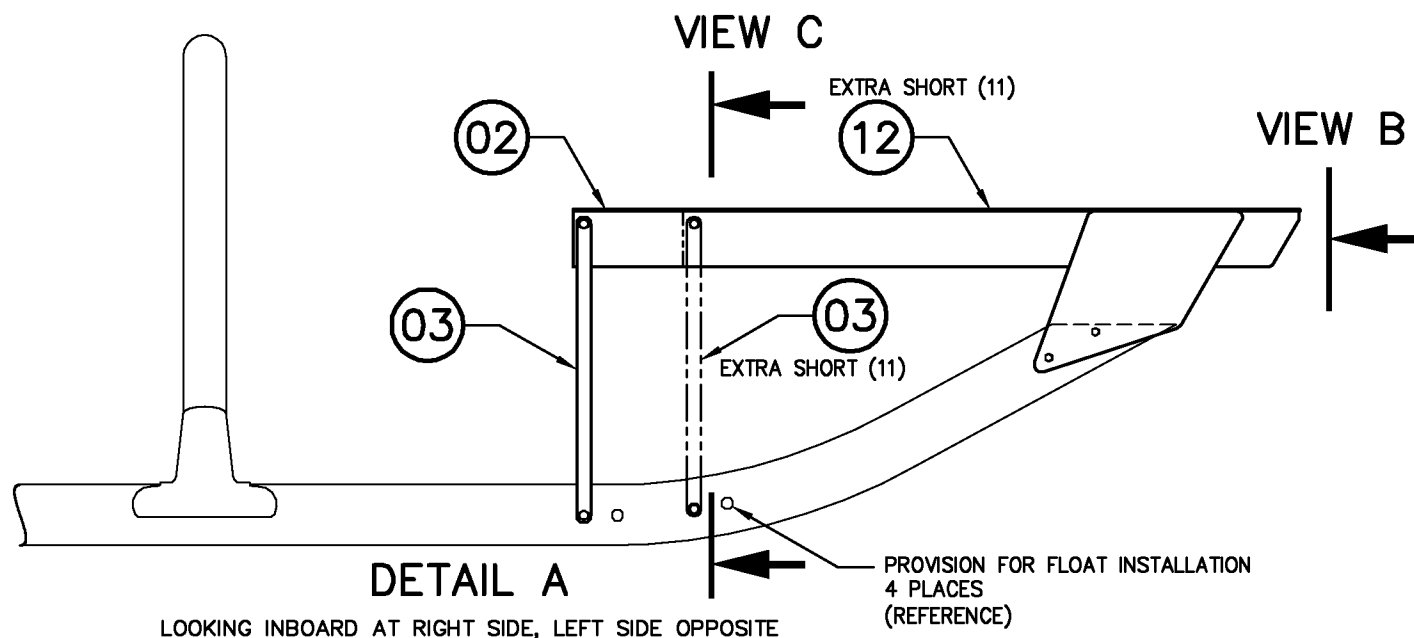


- ① SHORT STEP INSTALLATION  
⑪ EXTRA SHORT STEP INSTALLATION



2	2	MS21044N3	NUT
4	4	NAS1149F0363P	WASHER
2	2	AN3-35A	BOLT
2	2	MS21044N4	NUT
4	4	NAS1149F0463P	WASHER
2	2	AN4-42A	BOLT
1		82719-01	12 EXTRA SHORT STEP ASS'Y
1		82706-11	11 EXTRA SHORT STEP INST'N
1	1	82733-02	04 BUSHING
1	1	82733-01	03 BRACKET
	1	82715-01	02 STEP ASSEMBLY
		82706-01	01 SHORT STEP INSTALLATION
11	01	PART NO.	ITEM DESCRIPTION
QTY	QTY	LIST OF MATERIALS	

APPROVALS	DATE
DRAWN: JEFF CLARKE	16 JULY 2009
CHECKED: E. BURGOIN	
UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:	
DECIMALS	ANGLES
X.XXX ±0.010	±1/2°
X.XX ±0.03	
X.X ±0.1	

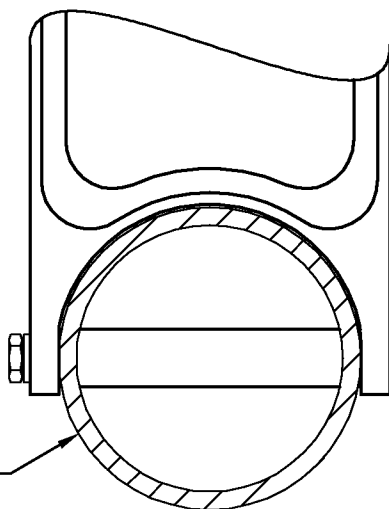
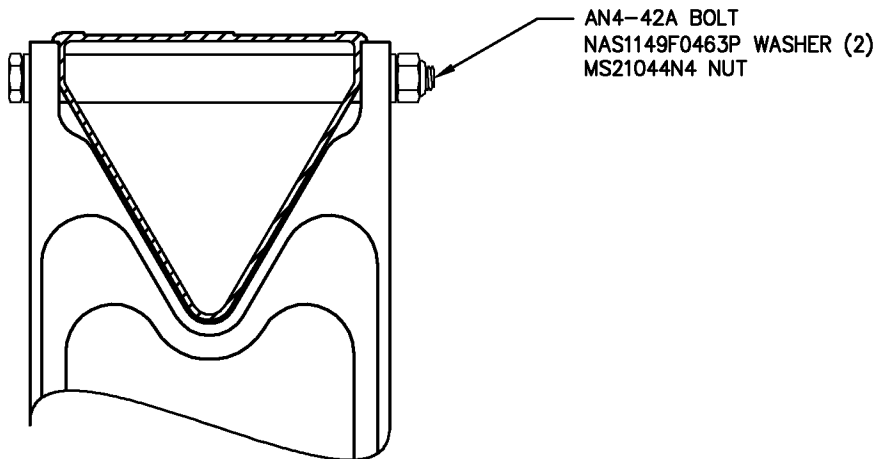


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TEL: 804.483.2376 [www.aerodesign.ca](http://www.aerodesign.ca)

EUROCOPTER AS350 & AS355 SERIES  
FIXED CABIN STEP  
SHORT STEP INSTALLATION

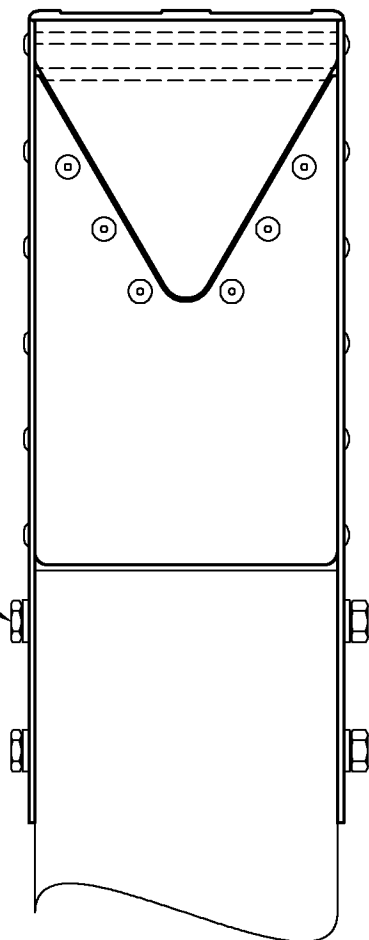
NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.
SHEET 1 OF 3	A4	82706	2



**VIEW C**

LOOKING AFT  
THROUGH STEP AND SKID TUBE

AN3-35A BOLT  
NAS1149F0363P WASHER (2)  
MS21044N3 NUT  
2 PLACES



**VIEW B**

LOOKING AFT

APPROVALS	DATE
DRAWN: JEFF CLARKE	16 JULY 2009
CHECKED: E. BURGOIN	

UNLESS OTHERWISE SPECIFIED  
DIMENSIONS ARE IN INCHES.

TOLERANCES ON:

DECIMALS	ANGLES
X.XXX $\pm 0.010$	$\pm 1/2^\circ$
X.XX $\pm 0.03$	
X.X $\pm 0.1$	



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EUROCOPTER AS350 & AS355 SERIES  
FIXED CABIN STEP  
SHORT STEP INSTALLATION

NOT TO SCALE	DWG. SIZE	DWG. NO.	REV.
SHEET 2 OF 3	A4	82706	2

REV.	DESCRIPTION OF CHANGE	INITIALS	DATE
1	CHANGE STEP PROFILE	BJC	APR 30/10
2	TITLE BLOCK UPDATED; METRIC TORQUE; HARDWARE; EXTRA SHORT CONFIG.	BJC	28/07/2014


#### NOTES

1. REMOVE EXISTING STEP CAP FROM END OF SKID TUBE. FILL VOID WITH 2 PART POLYURETHANE FOAM. REMOVE EUROCOPTER "VERTICAL STEP" IF FITTED. PLUG HOLES IN SKID TUBE WITH CHERRY BLIND RIVETS.
2. TORQUE AN3 BOLTS TO 20 – 25 INCH-POUNDS (2.3 – 2.8 N-m).  
TORQUE AN4 BOLTS TO 50 – 70 INCH-POUNDS (5.6 – 7.9 N-m).
3. THIS INSTALLATION IS COMPATIBLE WITH ALL AERO DESIGN LTD. QUICK RELEASE CARGO BASKET INSTALLATIONS IN ACCORDANCE WITH STC SH08-16.
4. THIS INSTALLATION MAY BE APPLIED TO THE RIGHT AND/OR LEFT SIDES. WEIGHT AND BALANCE IS GIVEN FOR RIGHT SIDE, LATERAL ARM IS NEGATIVE FOR LEFT SIDE.

WEIGHT AND BALANCE – METRIC						
ITEM	DESCRIPTION	WEIGHT (KG)	LONGITUDINAL		LATERAL	
			ARM (MM)	MOMENT (KG-MM)	ARM (MM)	MOMENT (KG-MM)
01	SHORT STEP INSTALLATION	1.9	1755	3335	1000	1900
11	EXTRA SHORT STEP INSTALLATION	1.7	1681	2892	1000	1720

WEIGHT AND BALANCE – STANDARD						
ITEM	DESCRIPTION	WEIGHT (LB)	LONGITUDINAL		LATERAL	
			ARM (IN)	MOMENT (LB-IN)	ARM (IN)	MOMENT (LB-IN)
01	SHORT STEP INSTALLATION	4.2	69.1	290.2	39.4	165.5
11	EXTRA SHORT STEP INSTALLATION	3.8	66.2	251.6	39.4	149.7

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	CHECKED: E. BURGAIN									
	UNLESS OTHERWISE SPECIFIED DIMENSIONS ARE IN INCHES. TOLERANCES ON:					<b>EUROCOPTER AS350 &amp; AS355 SERIES          FIXED CABIN STEP          SHORT STEP INSTALLATION</b>				
	DECIMALS      ANGLES X.XXX ±0.010      ±1/2" X.XX ±0.03 X.X ±0.1					NOT TO SCALE		DWG. SIZE	DWG. NO.	REV.
					SHEET 3 OF 3		<b>A4</b>	<b>82706</b>	<b>2</b>	